

FILE 'AGRICOLA' ENTERED AT 14:32:27 ON 17 DEC 2004

FILE 'CABA' ENTERED AT 14:32:27 ON 17 DEC 2004
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FILE 'BIOSIS' ENTERED AT 14:32:27 ON 17 DEC 2004
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=> s celery

L1 6231 CELERY

=> s tissue(w)culture

L2 84982 TISSUE(W) CULTURE

=> s transformation

L3 170003 TRANSFORMATION

=> s celery(5a)(resistant or resistance)

L4 167 CELERY(5A)(RESISTANT OR RESISTANCE)

=> s pierce lawrence/au

L5 0 PIERCE LAWRENCE/AU

=> s pierce l/au

L6 66 PIERCE L/AU

=> s L1 and L2

L7 114 L1 AND L2

=> s L7 and L3

L8 1 L7 AND L3

=> s L1 and L3

L9 24 L1 AND L3

=> s L1 and L6

L10 0 L1 AND L6

10/727,912

L8 ANSWER 1 OF 1 CABA COPYRIGHT 2004 CABI on STN

TI Genetic engineering for quality improvement in vegetable crops: current perspectives.

SO Vegetable Science, (1999) vol. 26, No. 2, pp. 99-108. 51 ref. Publisher: Indian Society of Vegetable Science.

AU Jagdish Singh; Kalloo, G.; Singh, A. K.; Singh, J.

L11 ANSWER 1 OF 18 CABA COPYRIGHT 2004 CABI on STN

TI Expression of a ***celery*** mannose 6-phosphate reductase in Arabidopsis thaliana enhances salt tolerance and induces biosynthesis of both mannitol and a glucosyl-mannitol dimer.

SO Plant, Cell and Environment, (2003) vol. 26, No. 2, pp. 275-283. 46 ref. Publisher: Blackwell Science.

ISSN: 0140-7791

AU Zhifang, G.; Loescher, W. H.

L11 ANSWER 2 OF 18 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN

TI Herbicide resistant ***celery*** (Apium graveolens L.) plants produced by Agrobacterium-mediated ***transformation*** using the bar gene.

SO In Vitro Cellular & Developmental Biology Plant, (Spring 2003) vol. 39, No. Abstract, pp. 43-A. print.

Meeting Info.: Congress on In Vitro Biology. Portland, Oregon, USA. May 31-June 04, 2003. Society for In Vitro Biology.

ISSN: 1054-5476 (ISSN print).

AU Los-Kutov, A. [Reprint Author]; Sink, K. C. [Reprint Author]

L11 ANSWER 3 OF 18 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN

TI Plant ***Transformation*** Center.

SO In Vitro Cellular & Developmental Biology Plant, (Spring 2003) vol. 39, No. Abstract, pp. 39-A. print.

Meeting Info.: Congress on In Vitro Biology. Portland, Oregon, USA. May 31-June 04, 2003. Society for In Vitro Biology.

ISSN: 1054-5476 (ISSN print).

- AU Sink, K. C. [Reprint Author]
- L11 ANSWER 4 OF 18 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- TI Identification of a mannitol transporter, AgMaT1, in ***celery*** phloem.
- SO The Plant cell, Mar 2001. Vol. 13, No. 3. p. 695-705
Publisher: [Rockville, MD : American Society of Plant Physiologists, c1989-
CODEN: PLCEEW; ISSN: 1040-4651
- AU Noiraud, N.; Maurousset, L.; Lemoine, R.
- L11 ANSWER 5 OF 18 CABA COPYRIGHT 2004 CABI on STN
- TI AiiA, an enzyme that inactivates the acylhomoserine lactone quorum-sensing signal and attenuates the virulence of *Erwinia carotovora*.
- SO Proceedings of the National Academy of Sciences of the United States of America, (2000) Vol. 97, No. 7, pp. 3526-3531. 36 ref.
ISSN: 0027-8424
- AU Dong YiHu; Xu JinLing; Li XianZhen; Zhang LianHui; Dong, Y. H.; Xu, J. L.; Li, X. Z.; Zhang, L. H.
- L11 ANSWER 6 OF 18 CABA COPYRIGHT 2004 CABI on STN
- TI Characterization of Api g 1.0201, a new member of the Api g 1 family of ***celery*** allergens.
- SO International Archives of Allergy and Immunology, (2000) Vol. 122, No. 2, pp. 115-123. 49 ref.
ISSN: 1018-2438
- AU Hoffmann-Sommergruber, K.; Ferris, R.; Pec, M.; Radauer, C.; O'Riordain, G.; Laimer da Camara Machado, M.; Scheiner, O.; Breiteneder, H.
- L11 ANSWER 7 OF 18 CABA COPYRIGHT 2004 CABI on STN
- TI [Vegetable technology].
Technologie des legumes.
- SO Technologie des legumes, (1999) pp. xxx + 558. Collection Sciences & Techniques Agroalimentaires. many ref. Publisher: Technique et Documentation Lavoisier.
ISBN: 2-7430-0299-9
- AU Tirilly, Y. [EDITOR]; Bourgeois, C. M. [EDITOR]
- L11 ANSWER 8 OF 18 CABA COPYRIGHT 2004 CABI on STN
- TI Regulation of mannitol dehydrogenase: relationship to plant growth and stress tolerance.
- SO HortScience, (1999) Vol. 34, No. 6, pp. 1027-1032. 39 ref. Price: Conference paper; Journal article . Meeting Info.: Proceedings of the colloquium 'The carbohydrate economy of horticultural crops', Salt Lake City, Utah, USA, 25 July 1997.
ISSN: 0018-5345
- AU Pharr, D. M.; Prata, R. T. N.; Jennings, D. B.; Williamson, J. D.; Zamski, E.; Yamamoto, Y. T.; Conkling, M. A.
- L11 ANSWER 9 OF 18 CABA COPYRIGHT 2004 CABI on STN
- TI Genetic engineering for quality improvement in vegetable crops: current perspectives.
- SO Vegetable Science, (1999) Vol. 26, No. 2, pp. 99-108. 51 ref. Publisher: Indian Society of Vegetable Science.
- AU Jagdish Singh; Kalloo, G.; Singh, A. K.; Singh, J.
- L11 ANSWER 10 OF 18 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2004) on STN
- TI Regulation of the production of extracellular pectinase, cellulase, and protease in the soft rot bacterium *Erwinia carotovora* subsp. *carotovora*: evidence that aepH of *E. carotovora* subsp. *carotovora* 71 activates gene expression in *E. carotovora* subsp. *carotovora*, *E. carotovora* subsp. *atroseptica*, and *Escherichia coli*.
- SO Applied and environmental microbiology, Sept 1994. Vol. 60, No. 9. p. 3150-3159
Publisher: Washington : American Society for Microbiology
CODEN: AEMIDF; ISSN: 0099-2240
- AU Murata, H.; Chatterjee, A.; Liu, Y.; Chatterjee, A.K.
- L11 ANSWER 11 OF 18 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved.

- (2004) on STN
 DUPLICATE 1
 TI Effects of temperature and leaf wetness duration on the infection of
 celery by *Septoria apiicola*.
 SO Phytopathology, Oct 1993. Vol. 83, No. 10. p. 1036-1040
 Publisher: St. Paul, Minn. : American Phytopathological Society, 1911-
 CODEN: PHYTAJ; ISSN: 0031-949X
 AU Mathieu, D.; Kushalappa, A.C.
- L11 ANSWER 12 OF 18 CABA COPYRIGHT 2004 CABI on STN
 TI ***Celery*** breeding program at the Department of Vegetable Crops,
 University of California, Davis.
 SO HortScience, (1993) Vol. 28, No. 4, pp. 250, 359. 7 ref.
 ISSN: 0018-5345
 AU Quiros, C. F.
- L11 ANSWER 13 OF 18 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on
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 TI Identification and classification of ***celery*** cultivars with RAPD
 markers.
 SO Theoretical and Applied Genetics, (1993) Vol. 86, No. 2-3, pp. 205-212.
 CODEN: THAGA6. ISSN: 0040-5752.
 AU Yang, X. [Reprint author]; Quiros, C.
- L11 ANSWER 14 OF 18 CABA COPYRIGHT 2004 CABI on STN
 TI Annual report 1990-91.
 SO Annual report 1990-91, (1992) pp. iv + 93. 7 pp. of ref.
- L11 ANSWER 15 OF 18 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
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 DUPLICATE 2
 TI Multiple copies of virG enhance the transient ***transformation*** of
 celery, carrot and rice tissues by *Agrobacterium tumefaciens*.
 SO Plant molecular biology : an international journal on molecular biology,
 biochemistry and genetic engineering, Dec 1992. Vol. 20, No. 6. p.
 1071-1087
 Publisher: Dordrecht : Kluwer Academic Publishers.
 ISSN: 0167-4412
 AU Liu, C.N.; Li, X.Q.; Gelvin, S.B.
- L11 ANSWER 16 OF 18 CABA COPYRIGHT 2004 CABI on STN
 TI Electrofusion of protoplasts from ***celery*** (*Apium graveolens* L.)
 with protoplasts from the filamentous fungus *Aspergillus nidulans*.
 SO Planta, (1989) Vol. 178, No. 2, pp. 207-214. 41 ref.
 ISSN: 0032-0935
 AU Lynch, P. T.; Isaac, S.; Collin, H. A.
- L11 ANSWER 17 OF 18 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN
 DUPLICATE 3
 TI ***Celery*** ***transformation*** by *Agrobacterium tumefaciens*:
 cytological and genetic analysis of transgenic plants.
 SO Plant cell reports, 1988. Vol. 7, No. 2. p. 100-103 ill
 Publisher: Berlin, W. Ger. : Springer International.
 CODEN: PCRPD8; ISSN: 0721-7714
 AU Catlin, D.; Ochoa, O.; McCormick, S.; Quiros, C.F.
- L11 ANSWER 18 OF 18 CABA COPYRIGHT 2004 CABI on STN
 TI Direct in-field measurement of nitrous oxide flux from soils.
 SO Soil Science Society of America Journal, (1978) Vol. 42, No. 5, pp.
 731-737. 29 ref.
 ISSN: 0361-5995
 AU Ryden, J. C.; Lund, L. J.; Focht, D. D.
- L13 ANSWER 1 OF 30 CABA COPYRIGHT 2004 CABI on STN
 TI A review of new developments in ***breeding*** research in
 celery in the USA.
 SO China Vegetables, (1998) No. 4, pp. 54-56. 18 ref.
 AU Wu JinXin; Wu, J. X.
- L13 ANSWER 3 OF 30 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.

(2004) on STN
 TI 'wolf-249' and FBL 5-2M: an autumn ***celery*** DUPLICATE 1
 breeding line for Florida. cultivar and

SO HortScience : a publication of the American Society for Horticultural
 Science, Aug 1995. Vol. 30, No. 5. p. 1104-1105
 Publisher: Alexandria, Va. : The American Society for Horticultural
 Science.
 CODEN: HJHSAR; ISSN: 0018-5345

AU Scully, B.; Nuessly, G.S.; Raid, R.N.; Stubblefield, R.E.

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TI Interspecific ***breeding*** for beet armyworm resistance in
 celery : Evaluation of F1 hybrids.

SO Burditt, A. K., Jr. [Editor]. Insecticide & Acaricide Tests, (1993) pp.
 365-366. Insecticide and Acaricide Tests.
 Publisher: Entomological Society of America, 9301 Annapolis Road, Lanham,
 Maryland 20706, USA. Series: Insecticide and Acaricide Tests.
 ISSN: 0276-3656.

AU Diawara, M. M. [Reprint author]; Trumble, J. T. [Reprint author]; Quiros,
 C. F.; D'Antonio, V.

L13 ANSWER 14 OF 30 CABA COPYRIGHT 2004 CABI on STN

TI 'Advantage', 'Pilgrim', and 'Companion' celery.

SO HortScience, (1986) Vol. 21, No. 4, pp. 1073-1074. 6 ref.
 ISSN: 0018-5345

AU Honma, S.; Lacy, M. L.; Murakishi, H. H.

L13 ANSWER 16 OF 30 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN

TI UC1, fusarium yellows-resistant ***celery*** ***breeding*** line
 [Cultivar development, Fusarium oxysporum].

SO HortScience, Aug 1984 vol. 19, No. 4. p. 594 ill
 Publisher: Alexandria, Va. : American Society for Horticultural Science.
 ISSN: 0018-5345

AU Orton, T.J.; Hulbert, S.H.; Durgan, M.E.; Quiros, C.F.

L13 ANSWER 20 OF 30 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN

TI Performance of early blight resistant, slow-bolting and other
 celery ***breeding*** lines.

SO Proceedings of the ... annual meeting, 1978 (pub. 1979) vol. 91 p. 324-327
 ill
 Publisher: Lake Alfred
 ISSN: 0097-1219

AU Wolf, E.A.; White, J.M.

10/727,912

WEST Search History**Hide Items****Restore****Clear****Cancel**

DATE: Friday, December 17, 2004

Hide? Set Name Query**Hit Count***DB=PGPB,USPT,EPAB; THES=ASSIGNEE; PLUR=YES; OP=OR*

<input type="checkbox"/>	L1	celery	3315
<input type="checkbox"/>	L2	tissue adj culture	48786
<input type="checkbox"/>	L3	protoplast	15791
<input type="checkbox"/>	L4	transformation	177860
<input type="checkbox"/>	L5	celery near5 (resistant or resistance)	15
<input type="checkbox"/>	L6	pierce near5 lawrence.in.	41
<input type="checkbox"/>	L7	800/260,263-266,268,269,274,277-279,281,284,300-302,318.ccls.	4643
<input type="checkbox"/>	L8	435/410,418,421,430,430.1,468.ccls.	3686
<input type="checkbox"/>	L9	L1 and L2	412
<input type="checkbox"/>	L10	L3 and L9	294
<input type="checkbox"/>	L11	L4 and L10	283
<input type="checkbox"/>	L12	L1 and L6	7
<input type="checkbox"/>	L13	L1 and L7	321
<input type="checkbox"/>	L14	L1 and L8	209

END OF SEARCH HISTORY

[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 15 of 15 returned.**

-
- ☐ 1. [20040221347](#). 25 Apr 03. 04 Nov 04. Celery product. Duda, Darrell L., et al. 800/318; 435/410 435/420 800/295 A01H005/10 A01H005/00 C12N005/04.
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- ☐ 2. [6822143](#). 21 Oct 02; 23 Nov 04. Celery named ADS-1. Pierce; Lawrence K.. 800/318; 435/410 800/260 800/278 800/279 800/298 800/300 800/301 800/302. A01H001/00 A01H005/00 A01H005/04 A01H005/10 C12N015/82.
-
- ☐ 3. [6818810](#). 10 Mar 03; 16 Nov 04. Celery named ADS-7. Pierce; Lawrence K.. 800/318; 435/410 800/260 800/278 800/279 800/298 800/300 800/301 800/302. A01H001/00 A01H005/00 A01H005/04 A01H005/10 C12N015/82.
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- ☐ 4. [6812385](#). 25 Feb 03; 02 Nov 04. Celery named ADS-8. Pierce; Lawrence K.. 800/318; 425/410 800/260 800/278 800/279 800/298 800/300 800/301 800/302. A01H001/00 A01H005/00 A01H005/04 A01H005/10 C12N015/82.
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- ☐ 5. [6222100](#). 05 Jun 95; 24 Apr 01. Herbicide resistance in plants. Anderson; Paul Curtis, et al. 800/300; 47/58.1R 800/270 800/320 800/320.1 800/320.2 800/320.3. A01H001/06 A01H005/00 A01H001/04 A01N025/00.
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- ☐ 6. [6217925](#). 26 Feb 99; 17 Apr 01. Nitrite formation in beef mixed vegetable juice: isolation of nitrite-resistant bacteria which have nitrate reductase activity. Kim; Cheryl K.. 426/335; 426/321 426/52 426/532 426/56 426/615 426/654 426/655. A23C004/22 A23C004/24.
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- ☐ 7. [6211439](#). 05 Jun 95; 03 Apr 01. Herbicide resistance in plants. Anderson; Paul Curtis, et al. 800/300; 800/270 800/320 800/320.1 800/320.2 800/320.3. A01H001/04 A01H001/06 A01H005/00 A01H005/10.
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- ☐ 8. [6211438](#). 18 Sep 92; 03 Apr 01. Herbicide resistance in plants. Anderson; Paul Curtis, et al. 800/300; 800/270 800/320 800/320.1 800/320.2 800/320.3. A01H001/06 A01H005/00 A01H005/10.
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- ☐ 9. [5998207](#). 12 Jun 98; 07 Dec 99. Method for transformation of cotton and kenaf and organogenic regeneration. Reichert; Nancy A., et al. 435/430; 435/430.1 435/431 435/469 435/470 800/293 800/294 800/298. A01H004/00 A01H001/00 C12N015/82 C12N015/84.
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- ☐ 10. [5943804](#). 28 Jan 98; 31 Aug 99. Slidably fastenable tag. Linquist; John B., et al. 40/637; 40/673. G09F023/00.
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- ☐ 11. [5719046](#). 19 May 95; 17 Feb 98. Sulfonamide resistance genes and their use. Guerineau; Jean Francois, et al. 435/468; 435/320.1 435/418 435/419 435/469 435/69.1 536/23.2 536/23.7 536/24.1 800/294. C12N005/14 C12N015/31 C12N015/65 C12N015/82.
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- ☐ 12. [5718079](#). 24 Mar 93; 17 Feb 98. Herbicide resistance in plants. Anderson; Paul Curtis, et al. 800/276; 800/278 800/294. A01B079/00.
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- ☐ 13. [5633444](#). 19 May 95; 27 May 97. Sulfonamide resistance genes and their use. Guerineau; Jean F., et al. 800/300; 435/414 435/418 435/419 504/214. A01H004/00 C12N005/14.
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☐ 14. [5597717](#). 19 May 95; 28 Jan 97. Sulfonamide resistance genes and their use. Guerineau; Jean F., et al. 800/288; 435/320.1 435/468 435/469 435/470 536/23.2 536/24.1 800/294. C12N015/82.

☐ 15. [5304732](#). 03 Oct 90; 19 Apr 94. Herbicide resistance in plants. Anderson; Paul C., et al. 800/300.1;. A01H001/06 A01H001/02.

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Terms	Documents
celery near5 (resistant or resistance)	15

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